

Appl. No. 10/634,428
Response and Supplemental Information Disclosure Statement
filed November 2, 2004
Reply to Office Action dated July 30, 2004

LISTING OF CLAIMS:¹

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Original) A circuit board having a storage device for storing data relating to a marking material for print, said circuit board comprising:

at least two ground terminals arranged on said circuit board at two edges thereof that are located on one axis thereof; and

a plurality of terminals arranged on said circuit board, for read/write operations on said data relating to a marking material for print.

2. (Original) A circuit board according to claim 1 wherein said plurality of terminals and said ground terminals are arranged in a single row, with two of said at least two ground terminals being located at the outermost ends of said row.

3. (Original) A circuit board according to claim 1 wherein said plurality of terminals are arranged to form a plurality of rows, with two of said at least two ground terminals being located at the outermost ends of one of said plurality of rows.

4. (Previously Presented) A circuit board according to claim 3 wherein said plurality of terminals include a clock signal terminal, said clock signal terminal being located

¹ Although no claim changes have been made, this Listing of Claims is provided as a convenience to the Examiner.

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between two of said at least two ground terminals.

5. (Previously Presented) A circuit board according to claim 3 wherein said plurality of terminals include a power supply terminal, two of said at least two ground terminals being located at the outermost ends of a row different than the row that contains said power supply terminal.

6. (Original) A circuit board according to any of claims 1 to 4 wherein said plurality of terminals include a power supply terminal and a control signal terminal, and said at least two ground terminals are not the terminals in closest proximity to said power supply terminal.

7. (Original) A circuit board according to any one of claims 3-5, wherein said plurality of terminals are arranged at intervals of approximately 1 mm in the direction of formation of said rows.

8. (Original) A circuit board comprising a storage device for storing data relating to a marking material for print, said board provided to a marking material for print cartridge having a substantially rectangular shape, wherein said circuit board comprises:

two ground terminals arranged on said circuit board at two edges thereof along one side thereof; and

a plurality of terminals arranged parallel to one side of said circuit board, and used for storing said data.

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9. (Previously Presented) A circuit board according to claim 8 wherein said plurality of terminals form a plurality of rows parallel to one side of said circuit board, and said two ground terminals are arranged at the outermost ends of one of said plurality of rows.

10. (Original) A circuit board according to claim 9 wherein said plurality of terminals include a clock signal terminal, a control signal terminal, and a power supply terminal, said two ground terminals being located at the outermost ends of a row that is different from the row that includes said power supply terminal, and that includes said clock signal terminal.